

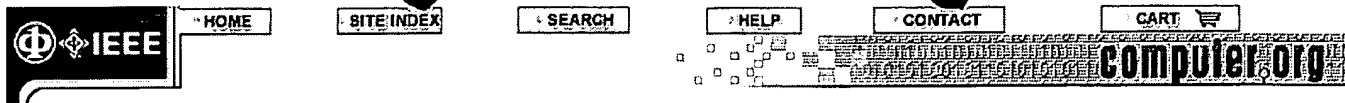
WEST

## Edit Saved Searches for User *Isealey*

Queries 295 through 344.

S #	Comment	Database	Query String	Delete?
S344	09/651,880	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	((3d) or (3 adj d) or (three adj (dimension or dimensional))) and ((surface adj normal) same (albedo adj map))	<input type="checkbox"/>
S343	09/651,880	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(range adj map) same (surface adj normal)	<input type="checkbox"/>
S342	09/651,880	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(range adj map) and (face or facial) and (lighting or illuminate or illuminating or illuminated or illumination) and (surface adj normal)	<input type="checkbox"/>
S341	09/651,880	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(range adj map) and (face or facial) and (lighting or illuminate or illuminating or illuminated or illumination)	<input type="checkbox"/>
S340	09/651,880	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(range adj map) and (albedo adj map)	<input type="checkbox"/>
S339	09/651,880	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	((project or projecting or projected) same pattern same face) and 345/47\$.ccls.	<input type="checkbox"/>
S338	09/651,880	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(project or projecting or projected) same pattern same face	<input type="checkbox"/>
S337	09/651,880	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(polarized near3 light ) and ((345/41\$ or 345/42\$ or 345/47\$).ccls.)	<input type="checkbox"/>
S336	09/651,880	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	(polarized near3 light ) and ((345/4\$)!.CCLS.)	<input type="checkbox"/>
S335	09/651,880	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	polarized near3 light	<input type="checkbox"/>
S334	09/651,880	USPT,PGPB,JPAB,EPAB,DWPI,TDBD	3m same (vector or column) same subset same (point or coordinate)	<input type="checkbox"/>

100



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Use ☒ natural language ☐ exact phrase ☐ fuzzy match [search help](#)

Search for >>

Appearing in:

Sort by: Ascending Descending

Results Per Page:

☒ Search within results ☒ New Search

☐ Include Summary [search](#)

>> [Clear form and perform new search](#) <<

Search Results

Displaying 0 results

no results found for "range map" AND "surface normal"

Search for >>

Appearing in:

Sort by: Ascending Descending

Results Per Page:

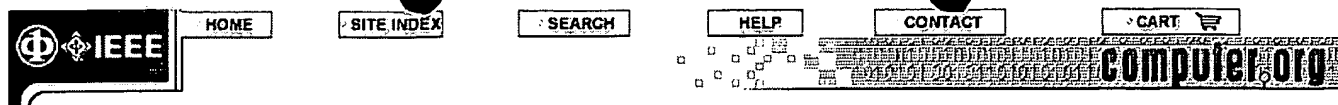
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Keywords for >>  Appearing in:

Sort by: ☒ Relevance ☐ Descending Results Per Page:

☐ Search within results ☒ New Search ☒ Include Summary

>> Clear form and perform new search <<

Search Results

Displaying 0 results

no results found for 3m AND (vector OR column) AND subset AND (point OR coordinate)

Keywords for >>  Appearing in:

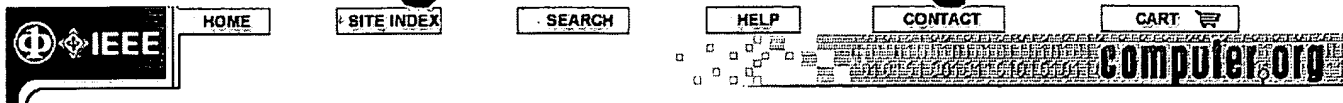
Sort by: ☒ Relevance ☐ Descending Results Per Page:

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☐ Search within results ☐ New Search ☐ Include Summary

[>> Clear form and perform new search <<](#)

Search Results

Displaying 1-4 of 4 results

**Facial Surface Scanner**  
Found in: [IEEE Computer Graphics and Applications](#) pp. 72-80  
Date: November 1991 By Michael W. Vannier, Tom Pilgram, Gulab Bhatia, Barry Brunsten, Paul Commean  
An optical noncontact 3-D digitizing system developed to acquire, process, display, and replicate the surface of the human head is described. The modification of the digitizer to help plan and evaluate facial plastic surgery is discussed. The qual...  
[More Like This](#)

**Integrating Spatial Data Display with Virtual Reconstruction**  
Found in: [IEEE Computer Graphics and Applications](#) pp. 40-46  
Date: July 1995 By Philip Peterson, F. David Fracchia, Brian Hayden  
In the process of archaeological excavation, a vast amount of data, much of it three-dimensional in nature, is recorded. In recent years, computer graphics techniques have been applied to the task of visualizing such data. In particular, data visuali...  
[More Like This](#)

**Recognizing Shape Features in Solid Models**  
Found in: [IEEE Computer Graphics and Applications](#) pp. 22-32  
Date: September 1990 By Hiroshi Sakurai, David C. Gossard  
A procedure for defining and recognizing shape features 3-D solid models is presented in which a shape feature is defined as a single face or a set of continuous faces possessing certain characteristic facts in topology and geometry. The system au...  
[More Like This](#)

**Conferences**  
Found in: [IEEE Computer Graphics and Applications](#) pp. 85  
Date: May 1993 By N/A  
No abstract available.  
[More Like This](#)


1

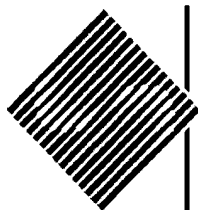
Search for:  Appearing in:

Sort by:   Results Per Page:

☐ Search within results ☐ New Search ☐ Include Summary



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# ACM SIGGRAPH Search Results

Your siggraph.org search results appear below. This search was powered by Google.

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"range map" AND "surface normal"

Google Search



Search WWW



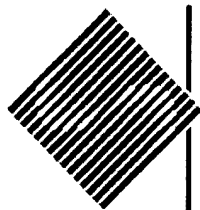
Search siggraph.org

The "AND" operator is unnecessary -- we include all search terms by default. [\[details\]](#)

Your search - "range map" AND "surface normal" - did not match any documents.

Suggestions:

- Make sure all words are spelled correctly.
- Try different keywords.
- Try more general keywords.
- Try fewer keywords.



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3m AND (vector OR column) AND subset Google Search

☐ Search WWW ☒ Search siggraph.org

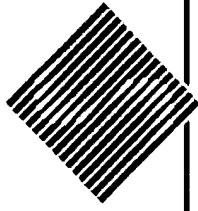
The "AND" operator is unnecessary – we include all search terms by default. [\[details\]](#)

Your search - 3m AND (vector OR column) AND subset AND (point OR coordinate) - did not match any documents.

Suggestions:

- Make sure all words are spelled correctly.
- Try different keywords.
- Try more general keywords.
- Try fewer keywords.





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2001  
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# ACM SIGGRAPH Search Resu

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(project OR projecting OR projected) Google Search

☐ Search WWW ☒ Search siggraph.org

The "AND" operator is unnecessary -- we include all search terms by default.

Searched pages from siggraph.org for (project OR projecting OR projected) AND pattern AND (face OR facial). Results 31

[PDF] [Volume 34 Number 4 November 2000 A publication of ACM SIGGRAPH](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... called game designers have missed this obvious-as-the-nose-on-your-face difference ... only looking for who was the Quality Assurance Lead on the **project**, he can ...

[www.siggraph.org/publications/newsletter/v34n4.pdf](http://www.siggraph.org/publications/newsletter/v34n4.pdf) - [Similar pages](#)

[PDF] [PIXEL](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... interrupts the overall feeling or **pattern**, which automatically ... are attracted to look at his **face**, and especially ... When it comes to **projecting** film in a theatre ...

[www.siggraph.org/education/materials/siggraph\\_courses/s96\\_course30.pdf](http://www.siggraph.org/education/materials/siggraph_courses/s96_course30.pdf) - [Similar pages](#)

[PDF] [Page 1](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... Sara Bly, former SIGGRAPH Vice Chairs for Operations, and Tom DeFanti, former SIGGRAPH Chair, for their very early, active support of this **project**, and Richard ...

[www.siggraph.org/education/curriculum/projects/career\\_handbook/handbook.pdf](http://www.siggraph.org/education/curriculum/projects/career_handbook/handbook.pdf) - [Similar pages](#)

[LA SIGGRAPH Newsletters/2001\\_10\\_16.html](#)

... Each **pattern** appears synchronized to the environmental sound and ... inside of an empty basket, or **face** up to ... a viewer vacuums the poetic words **projected** on the ...

[chapters.siggraph.org/leaders/S2001\\_Activities/MediaPass\\_GYee.html](http://chapters.siggraph.org/leaders/S2001_Activities/MediaPass_GYee.html) - 18k - [Cached](#) - [Similar pages](#)

[PDF] [Intellectual Property, Copyright and Digital Rights Management ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... When Congress sits idly by in the **face** of these activities, we essentially sanction the Internet as a haven for thievery." Sen. ...

[www.siggraph.org/pub-policy/pdf/s2002\\_course53.pdf](http://www.siggraph.org/pub-policy/pdf/s2002_course53.pdf) - [Similar pages](#)

*In order to show you the most relevant results, we have omitted some entries very similar to the 35 already shown. If you like, you can repeat the search with the omitted results included.*

Result Page: [Previous](#) [1](#) [2](#) [3](#) [4](#)

(project OR projecting OR projected) Google Search Search within results

Connecting via Winsock to Dialog

Logging in to Dialog

Trying 31060000009999...Open

DIALOG INFORMATION SERVICES

PLEASE LOGON:

\*\*\*\*\*

ENTER PASSWORD:

\*\*\*\*\*

Welcome to DIALOG

Dialog level 02.12.60D

Last logoff: 20mar03 12:00:08

Logon file001 22mar03 16:56:18

\*\*\* ANNOUNCEMENT \*\*\*

\*\*\*

--File 515 D&B Dun's Electronic Business Directory is now online completely updated and redesigned. For details, see HELP NEWS 515.

\*\*\*

--File 990 - NewsRoom now contains October 2002 to present records. File 993 - NewsRoom archive contains 2002 records from January 2002-September 2002. To search all 2002 records, BEGIN 990,993 or B NEWS2002

\*\*\*

--Alerts have been enhanced to allow a single Alert profile to be stored and run against multiple files. Duplicate removal is available across files and for up to 12 months. The Alert may be run according to the file's update frequency or according to a custom calendar-based schedule. There are no additional prices for these enhanced features. See HELP ALERT for more information.

\*\*\*

--U.S. Patents Fulltext (File 654) has been redesigned with new search and display features. See HELP NEWS 654 for information.

\*\*\*

--Connect Time joins DialUnits as pricing options on Dialog. See HELP CONNECT for information.

\*\*\*

--CLAIMS/US Patents (Files 340,341, 942) have been enhanced with both application and grant publication level in a single record. See HELP NEWS 340 for information.

\*\*\*

--SourceOne patents are now delivered to your email inbox as PDF replacing TIFF delivery. See HELP SOURCE1 for more information.

\*\*\*

--Important news for public and academic libraries. See HELP LIBRARY for more information.

\*\*\*

--Important Notice to Freelance Authors--  
See HELP FREELANCE for more information

\*\*\*

For information about the access to file 43 please see Help News43.

\*\*\*

#### NEW FILES RELEASED

\*\*\*Dialog NewsRoom - Current 3-4 months (File 990)

\*\*\*Dialog NewsRoom - 2002 Archive (File 993)

\*\*\*Dialog NewsRoom - 2001 Archive (File 994)

\*\*\*Dialog NewsRoom - 2000 Archive (File 995)

\*\*\*TRADEMARKSCAN-Finland (File 679)

\*\*\*TRADEMARKSCAN-Norway (File 678)  
\*\*\*TRADEMARKSCAN-Sweden (File 675)  
\*\*\*

UPDATING RESUMED

\*\*\*Delphes European Business (File 481)  
\*\*\*

RELOADED

\*\*\*D&B Dun's Electronic Business Directory (File 515)  
\*\*\*U.S. Patents Fulltext 1976-current (File 654)  
\*\*\*Population Demographics (File 581)  
\*\*\*Kompass Western Europe (File 590)  
\*\*\*D&B - Dun's Market Identifiers (File 516)

REMOVED

\*\*\*Chicago Tribune (File 632)  
\*\*\*Fort Lauderdale Sun Sentinel (File 497)  
\*\*\*The Orlando Sentinel (File 705)  
\*\*\*Newport News Daily Press (File 747)  
\*\*\*U.S. Patents Fulltext 1980-1989 (File 653)  
\*\*\*TOXNET data is added to ToxFile (F156)

\*\*\*New document supplier\*\*\*

IMED has been changed to INFOTRIE (see HELP OINFOTRI)

>>> Enter BEGIN HOMEBASE for Dialog Announcements <<<  
>>> of new databases, price changes, etc. <<<  
\*\*\*\*

\* \* Preliminary records through 2/12 \*\*

File 1:ERIC 1966-2003/Feb 25  
(c) format only 2003 The Dialog Corporation

Set Items Description  
--- -----

Cost is in DialUnits

? b 410

22mar03 16:56:19 User259941 Session D75.1  
\$0.32 0.092 DialUnits File1  
\$0.32 Estimated cost File1  
\$0.32 Estimated cost this search  
\$0.32 Estimated total session cost 0.092 DialUnits

File 410:Chronolog(R) 1981-2003/Mar  
(c) 2003 The Dialog Corporation

Set Items Description  
--- -----

? set hi ;set hi

HIGHLIGHT set on as ''

HIGHLIGHT set on as ''

? b 2 6 8 34 35 47 62 65 92 94 98 99 103 113 115 144 202 233 239 248 256 275 295  
344 345 347 370 371 434 647 674 696

22mar03 16:58:00 User259941 Session D75.2  
\$0.00 0.070 DialUnits File410  
\$0.00 Estimated cost File410  
\$0.46 TELNET  
\$0.46 Estimated cost this search  
\$0.78 Estimated total session cost 0.161 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 2:INSPEC 1969-2003/Mar W3  
(c) 2003 Institution of Electrical Engineers  
\*File 2: Alert feature enhanced for multiple files, duplicates

removal, customized scheduling. See HELP ALERT.

File 6:NTIS 1964-2003/Mar W4

(c) 2003 NTIS, Intl Cpyrght All Rights Res

\*File 6: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.

File 8:Ei Compendex(R) 1970-2003/Mar W2

(c) 2003 Elsevier Eng. Info. Inc.

\*File 8: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.

File 34:SciSearch(R) Cited Ref Sci 1990-2003/Mar W3

(c) 2003 Inst for Sci Info

\*File 34: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.

File 35:Dissertation Abs Online 1861-2003/Feb

(c) 2003 ProQuest Info&Learning

File 47:Gale Group Magazine DB(TM) 1959-2003/Mar 20

(c) 2003 The Gale group

File 62:SPIN(R) 1975-2003/Feb W2

(c) 2003 American Institute of Physics

File 65:Inside Conferences 1993-2003/Mar W3

(c) 2003 BLDSC all rts. reserv.

File 92:IHS Intl.Stds.& Specs. 1999/Nov

(c) 1999 Information Handling Services

\*File 92: This file is closed (no updates)

File 94:JICST-EPlus 1985-2003/Mar W3

(c)2003 Japan Science and Tech Corp(JST)

\*File 94: UDs have been adjusted to reflect current months data. There is no data missing.

File 98:General Sci Abs/Full-Text 1984-2003/Feb

(c) 2003 The HW Wilson Co.

File 99:Wilson Appl. Sci & Tech Abs 1983-2003/Feb

(c) 2003 The HW Wilson Co.

File 103:Energy SciTec 1974-2003/Mar B1

(c) 2003 Contains copyrighted material

\*File 103: For access restrictions see Help Restrict.

File 113:European R&D Database 1997

(c)1997 Reed-Elsevier(UK)Ltd All rts reserv

\*File 113: This file is closed (no updates)

File 115:Research Centers & Services 1994-2002/Dec

(c) 2003 Gale Research Inc.

File 144:Pascal 1973-2003/Mar W2

(c) 2003 INIST/CNRS

File 202:Info. Sci. & Tech. Abs. 1966-2003/Mar 05

(c) Information Today, Inc

File 233:Internet & Personal Comp. Abs. 1981-2003/Feb

(c) 2003 Info. Today Inc.

File 239:Mathsci 1940-2003/May

(c) 2003 American Mathematical Society

File 248:PIRA 1975-2003/Mar W3

(c) 2003 Pira International

\*File 248: Changes have been made to Subject Headings and Codes as of July 2002. See Help Codes248 for a complete list of Subject Headings.

File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Feb

(c)2003 Info.Sources Inc

File 275:Gale Group Computer DB(TM) 1983-2003/Mar 21

(c) 2003 The Gale Group

File 295:World Transl.Index 1979-1997/Dec

(c) 1997 Intl.Translations Ctr.Delft

File 344:Chinese Patents Abs Aug 1985-2003/Jan

(c) 2003 European Patent Office

File 345:Inpadoc/Fam.& Legal Stat 1968-2003/UD=200309

(c) 2003 EPO

File 347:JAPIO Oct 1976-2002/Nov(Updated 030306)

(c) 2003 JPO & JAPIO

\*File 347: JAPIO data problems with year 2000 records are now fixed.  
Alerts have been run. See HELP NEWS 347 for details.

File 370:Science 1996-1999/Jul W3

(c) 1999 AAAS

\*File 370: This file is closed (no updates). Use File 47 for more current information.

File 371:French Patents 1961-2002/BOPI 200209

(c) 2002 INPI. All rts. reserv.

\*File 371: This file is not currently updating. The last update is 200209.

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec

(c) 1998 Inst for Sci Info

File 647:CMP Computer Fulltext 1988-2003/Feb W4

(c) 2003 CMP Media, LLC

File 674:Computer News Fulltext 1989-2003/Mar W2

(c) 2003 IDG Communications

File 696:DIALOG Telecom. Newsletters 1995-2003/Mar 22

(c) 2003 The Dialog Corp.

Set Items Description

--- -----

? s (range(w)map) (s) (surface(w)normal)

Processed 10 of 32 files ...

Processing

Completed processing all files

4121508 RANGE

505632 MAP

6059995 SURFACE

1964683 NORMAL

S1 2 (RANGE(W)MAP) (S) (SURFACE(W)NORMAL)

? t s1/k/all

1/K/1 (Item 1 from file: 2)

DIALOG(R)File 2:(c) 2003 Institution of Electrical Engineers. All rts. reserv.

...Abstract: dimensional range images. In this approach, four local properties, namely the 3-D coordinate, the **surface normal**, the Gaussian curvature, and the mean curvature of each data point, are combined in a hierarchical data structure to segment a given 3-D dense **range map** into surface patches. This algorithm is applicable to planar as well as curved surfaces; several...

1/K/2 (Item 1 from file: 8)

DIALOG(R)File 8:(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

...Abstract: dimensional range images. In this approach, four local properties, namely the 3-D coordinate, the **surface normal**, the Gaussian curvature, and the mean curvature of each data point, are combined in a hierarchical data structure to segment a given 3-D dense **range map** into surface patches. This algorithm is applicable to planar as well as curved surfaces; several...

? t s1/full/all

1/9/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

03719659 INSPEC Abstract Number: B90063781, C90055175

Title: Hierarchical segmentation of 3-D range images

Author(s): Arman, F.; Sabata, B.; Aggarwal, J.K.

Author Affiliation: Dept. of Electr. & Comput. Eng., Texas Univ., Austin, TX, USA

Conference Title: 1989 IEEE International Conference on Systems, Man and

? s (albedo(w)map) (s) (surface(w)normal)

28449 ALBEDO

505632 MAP

6059995 SURFACE

1964683 NORMAL

S2 0 (ALBEDO(W)MAP) (S) (SURFACE(W)NORMAL)

? s (albedo(w)map) and (surface(w)normal)

28449 ALBEDO

505632 MAP

91 ALBEDO(W)MAP

6059995 SURFACE

1964683 NORMAL

9980 SURFACE(W)NORMAL

S3 0 (ALBEDO(W)MAP) AND (SURFACE(W)NORMAL)

? s 3m and (vector or column or vectors) and (subset or subsets) and (point or coordinate or points or coordinates)

43796 3M

706963 VECTOR

771926 COLUMN

251460 VECTORS

250920 SUBSET

117110 SUBSETS

2859143 POINT

274214 COORDINATE

1176451 POINTS

208068 COORDINATES

S4 45 3M AND (VECTOR OR COLUMN OR VECTORS) AND (SUBSET OR SUBSETS) AND (POINT OR COORDINATE OR POINTS OR COORDINATES)

? t s4/k/1-10

4/K/1 (Item 1 from file: 47)

DIALOG(R)File 47:(c) 2003 The Gale group. All rts. reserv.

Last month American Libraries recapped some of the high **points** of ALA's 119th Annual Conference, held July 6-12 in Chicago. That brief overview...make some noise" by offering public programming to raise patrons' consciousness.

Offering a case in **point** on noisemaking was Jonathan Betz-Zall, former children's librarian at the Sno-Isle Library...

...updates on where demonstrations were scheduled along with bibliographies on world trade from its vantage **point** at the WTO information table.

How to Assess Success in Outsourcing

As outsourcing has become...copyright law was not based purely on economic interest. We should not get to the **point** where we put shareholder interest above the purpose of the copyright law-which is to... compliance in electronic reserves copyright policies. She noted that although many electronic reserves policies are **subsets** of university policies, a number of electronic reserves librarians are "actively asserting their fair-use...the mid-1990s. "The 1994 preconference about YA literature in retrospect seemed like a turning **point**," he said. In his book From Romance to Realism (HarperCollins, 1996), Cart "issued a clarion **column** and reviews for Booklist.

Positive Changes

Elizabeth Futas Catalyst for Change Award Ann Symons

Having...in 1993-1994 as adult books editor for Booklist; he also writes a Christian fiction **column** for Booklist.

Postcards from a Rural Place

Marshall Cavendish Excellence in Library Programming Award Bad...Joy, Jim Grimsley (Algonquin); Last Rights: Poems, Marvin K. White, (Alyson); Lawnboy, Paul Lisicky (Turtle **Point**); Mr. Dalloway: A Novella, Robin Lippincott (Sarabande)

Library Research Round Table

respect to  $g$  (a **vector** field  $X$  is said to be reversible with respect to  $g$  if  $g$  transforms this...

...dimension of the parameter  $\mu$  should therefore be no less than  $n + \frac{12(N-3m)}{5}$ .

Although the reversible context differs drastically from the three previous ones in that  $g$ -reversible **vector** fields do not constitute a Lie algebra, the proofs in all the four contexts turn...

...carried out by a unified scheme).

The paper discusses in detail many properties of reversible **vector** fields and contains several examples.

The particular case  $m=N$  of the reversible parametric KAM...

4/K/20 (Item 2 from file: 239)  
DIALOG(R)File 239:(c) 2003 American Mathematical Society. All rts. reserv.

Let  $\mathcal{B}$  be a sigma -algebra of **subsets** of a set  $S$  and  $X$  a Frechet space. A mapping  $M$  from  $\mathcal{B}$  into the nonempty **subsets** of  $X$  is called a multimeasure if, for every sequence of disjoint sets  $A_i$ ...

... $32, \dots$ ), with  $A = \{\cup_{i=1}^{\infty} A_i\}$ , the series  $\sum_{i=1}^{\infty} 3M(A_i)$  converges (in the usual sense) to  $M(A)$ . Denote by  $S(M)$  the set of selectors of  $M$ , namely, those (point) measures  $m: \mathcal{B} \rightarrow X$  for which  $m(A) \in M(A)$ ,  $A \in \mathcal{B}$ .

Descriptors: ...; dimensional spaces) (See also 28-XX) (For nonlinear functional analysis, see 47Hxx, 58-XX, especially-**Vector**-valued measures and integration (See also 28Bxx, 46B22)  
? s 3m(s) (vector or column or vectors) (s) (subset or subsets) (s) (point or coordinate or points or coordinates)

43796	3M
706963	VECTOR
771926	COLUMN
251460	VECTORS
250920	SUBSET
117110	SUBSETS
2859143	POINT
274214	COORDINATE
1176451	POINTS
208068	COORDINATES
S5	2 3M(S) (VECTOR OR COLUMN OR VECTORS) (S) (SUBSET OR SUBSETS) (S) (POINT OR COORDINATE OR POINTS OR COORDINATES)

? t s5/k/all

5/K/1 (Item 1 from file: 239)  
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Let  $V_{\substack{R \\ Q}}$  ( $V_{\substack{R \\ Q}}$ ) be the **vector** space of real (rational) symmetric matrices of size  $n$ , let  $V_{\substack{R \\ Q}}^i$  be the **subset** of  $V_{\substack{R \\ Q}}$  consisting of all matrices with  $i$  positive and  $n - i$  negative...

...studies the Dirichlet series  $\zeta_{\substack{R \\ Q}}(s, k) = \sum_{\substack{M \in V_{\substack{R \\ Q}}^k \\ \det M = 1}} \mu(M) | \det M |^{-s}$  (k,  $3M$ )  $\{ \text{vert} \det 3M \text{vert} \}^{\sup} ( - s ) (i=0, 31, \dots, n; k$  real,  $k > n+1$ ,  $\text{Re}(s) > k$ ...

...a system of inequivalent matrices in  $L^{\sup}(\mathcal{B}^{\substack{R \\ Q}})^{\substack{R \\ Q}}_i$ , where  $M_{\substack{R \\ Q}}^1, 3M_{\substack{R \\ Q}}^2$  are said to be equivalent if  $M_{\substack{R \\ Q}}^2 = \sup t g M_{\substack{R \\ Q}}^1 g$ ...

...quotient of certain integrals and will not be explained in this review. Further,  $\alpha(k, 3M) = \{ \text{vert} \det 3M \text{vert} \}^{\sup} (k - (n+1)/2) \sum_{\substack{M \in V_{\substack{R \\ Q}}^k \\ \det M = 1}} \nu(x) \{ \sup ( - k ) e(\text{tr}(xM) \dots$